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File: DWPI

Jun 29, 1985

DERWENT-ACC-NO: 1985-193550

DERWENT-WEEK: 198532

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TITLE: Medicament for diabetic bone-disease - is used orally and is based on active vitamin D3

PATENT-ASSIGNEE:

ASSIGNEE

CODE

TEIJIN LTD

TEIJ

PRIORITY-DATA: 1983JP-0226968 (December 2, 1983)

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PATENT-FAMILY:

PUB-NO

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MAIN-IPC

☐ JP 60120812 A

June 29, 1985

005

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP 60120812A

December 2, 1983

1983JP-0226968

INT-CL (IPC): A61K 31/59

ABSTRACTED-PUB-NO: JP 60120812A

BASIC-ABSTRACT:

The remedy for diabetic bone-decreasing disease contains active-type Vitamine D3 which is 1alpha-hydroxy cholecalciferol, or 1alpha,2 4-dihydroxy-cholecalciferol. Content of said active-type Vitamin D3 is 0.1-10 micro.g. The medicine is for oral administration.

Active-type Vitamin D3 is e.g. 1alpha-hydroxy cholecalciferol, 1alpha-, 2, 4 dihydroxy-cholecalciferol, 1alpha- 2,5 dihydroxy-cholecalciferol, 1alpha-, 2,4,5-trihydroxy-cholecalciferol.

It is applied in intramuscular, intracutaneous, intravenous, intrarectum manner, however, oral administration is most pref. It is formulated as capsule, tablet, powder, granule, suppository, soln. or water dispersion. In the formulation, antioxidant such as ascorbic acid, butylated hydroxy-anisole, hydroquinone can be added for stabilising during storage. Inclusion cpd. with cyclodextrin or methylated cyclodextrin can also be used. Dosage of Vitamin D3 is 0.0002-1 micro.g/kg/day, pref. 0.002-0.2 micro.g/kg/day and thus the medicine pref. contains

0.1-10 micro.g Vitamin D3.

USE/ADVANTAGE - The mineral content in bone of the patient is remarkably increased when active-type Vitamin D3 is administered. It was also found that active-type Vitamin D3 is quite effective to remedy diabetic bone-decreasing disease which is a complication of diabetes.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: MEDICAMENT DIABETES BONE DISEASE ORAL BASED ACTIVE VITAMIN

DERWENT-CLASS: B05

CPI-CODES: B03-G; B12-H05;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

G031	G036	G037	G039	G060	G563	G640	H4	H401	H402
H403	H461	H462	H463	H7	H720	H725	H8	M1	M126
M134	M210	M211	M220	M222	M232	M240	M282	M311	M312
M321	M332	M341	M344	M415	M510	M520	M530	M542	M781
M903	V0	V340							

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0276U UNLINKED-RING-INDEX-NUMBERS: 01391

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1985-084423

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